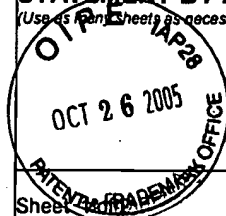


Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A(10-01)
Approved for use through 10/31/2002. OMB 851-0031
US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE

Complete if Known

Application Number	09/945,535
Filing Date	August 30, 2001
First Named Inventor	Ahn, Kie
Group Art Unit	2813
Examiner Name	Blum, David

Attorney Docket No: 1303.026US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
DS	US-2002/0142536-A1	10/03/2002	Zhang, F., et al.	04/22/2002
	US-2004/0075111-A1	04/22/2004	Chidambarrao, D., et al.	10/10/2003
	US-2004/0156578-A1	08/12/2004	Geusic, Joseph, et al.	02/05/2004
	US-2004/0159863-A1	08/19/2004	Eldridge, Jerome M., et al.	02/18/2004
	US-2004/0164365-A1	08/26/2004	Ahn, Kie Y., et al.	02/27/2004
	US-2004/0219783-A1	11/04/2004	Ahn, Kie Y., et al.	05/25/2004
	US-2004/0233010-A1	11/25/2004	Akram, Salman, et al.	05/22/2003
	US-2004/0264236-A1	12/30/2004	Chae, S., et al.	04/30/2004
	US-2005/0023574-A1	02/03/2005	Forbes, L., et al.	09/02/2004
	US-2005/0023595-A1	02/03/2005	Forbes, L., et al.	08/31/2004
	US-2005/0023602-A1	02/03/2005	Forbes, L., et al.	08/30/2004
	US-2005/0023603-A1	02/03/2005	Eldridge, J. M., et al.	08/30/2004
	US-2005/0024092-A1	02/03/2005	Forbes, L.	08/31/2004
	US-2005/0026349-A1	02/03/2005	Forbes, L., et al.	09/01/2004
	US-2005/0026360-A1	02/03/2005	Geusic, J E., et al.	07/30/2004
	US-2005/0030825-A1	02/10/2005	Ahn, K. Y.	08/31/2004
	US-2005/0032342-A1	02/10/2005	Forbes, L., et al.	08/30/2004
	US-2005/0138262-A1	06/23/2005	Forbes, Leonard	12/18/2003
	US-2005/0140462-A1	06/30/2005	Akram, S., et al.	02/22/2005
	US-2005/0145957-A1	07/07/2005	Ahn, K. Y., et al.	02/16/2005
	US-2005/0158973-A1	07/21/2005	Ahn, K. Y., et al.	01/14/2005
	US-2005/0164521-A1	07/28/2005	Ahn, Kie Y., et al.	03/21/2005
	US-5,049,516	09/17/1991	Arima, H.	12/15/1989
	US-5,426,603	06/20/1995	Nakamura, Masayuki, et al.	01/25/1994
	US-5,981,350	11/09/1999	Geusic, Joseph E., et al.	05/29/1998
	US-6,025,225	02/15/2000	Forbes, Leonard, et al.	01/22/1998
	US-6,090,636	07/18/2000	Geusic, Joseph E., et al.	02/26/1998
	US-6,134,175	10/17/2000	Forbes, Leonard, et al.	08/04/1998
	US-6,150,188	11/21/2000	Geusic, Joseph E., et al.	02/26/1998
	US-6,191,448	02/20/2001	Forbes, Leonard, et al.	03/07/2000
	US-6,198,168	03/06/2001	Geusic, J. E., et al.	01/20/1998
	US-6,317,357	11/13/2001	Forbes, Leonard	05/08/1999
	US-6,381,168	04/30/2002	Forbes, Leonard	02/04/2000
	US-6,399,979	06/04/2002	Noble, Wendell P., et al.	06/16/2000
	US-6,418,050	07/09/2002	Forbes, Leonard	07/27/2001
	US-6,429,065	08/06/2002	Forbes, Leonard	07/27/2001
	US-6,434,041	08/13/2002	Forbes, Leonard, et al.	07/27/2001
	US-6,454,912	09/24/2002	Ahn, Kie Y., et al.	03/15/2001
	US-6,465,298	10/15/2002	Forbes, Leonard, et al.	02/22/2000
	US-6,476,434	11/05/2002	Noble, Wendell P., et al.	05/16/2000

EXAMINER

[Signature]

DATE CONSIDERED

5/15/06

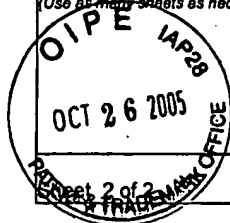
Substitute Disclosure Statement Form (PTO-1449)
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	09/945,535
Filing Date	August 30, 2001
First Named Inventor	Ahn, Kie
Group Art Unit	2813
Examiner Name	Blum, David

Attorney Docket No: 1303.026US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
0	US-6,486,027	11/26/2002	Noble, Wendell P., et al.	03/08/2000
	US-6,486,703	11/26/2002	Noble, Wendell P., et al.	01/08/2001
	US-6,492,233	12/10/2002	Forbes, Leonard, et al.	02/20/2001
	US-6,498,065	12/24/2002	Forbes, Leonard, et al.	08/30/2000
	US-6,515,510	02/04/2003	Noble, Wendell P., et al.	01/08/2001
	US-6,518,615	02/11/2003	Geusic, Joseph E., et al.	08/20/1998
	US-6,526,191	02/25/2003	Geusic, Joseph E., et al.	08/21/2000
	US-6,538,330	03/25/2003	Forbes, Leonard	03/23/2000
	US-6,590,252	07/08/2003	Kutsunai, T., et al.	08/06/2001
	US-6,597,037	07/22/2003	Forbes, Leonard, et al.	09/26/2000
	US-6,689,660	02/10/2004	Noble, Wendell P., et al.	03/17/2000
	US-6,709,978	03/23/2004	Geusic, Joseph E., et al.	03/06/2001
	US-6,723,577	04/20/2004	Geusic, Joseph E., et al.	08/30/2000
	US-6,754,108	06/22/2004	Forbes, L.	08/30/2001
	US-6,756,298	06/29/2004	Ahn, Kie Y., et al.	08/01/2002
	US-6,764,901	07/20/2004	Noble, Wendell P.	04/17/2000
	US-6,777,715	08/17/2004	Geusic, Joseph E., et al.	07/18/2000
	US-6,778,441	08/17/2004	Forbes, L., et al.	08/30/2001
	US-6,787,370	09/07/2004	Forbes, Leonard	12/16/2002
	US-6,804,136	10/12/2004	Forbes, Leonard	06/21/2002
	US-6,812,513	11/02/2004	Geusic, J. E., et al.	02/03/2003
	US-6,812,516	11/02/2004	Noble, Jr., W., et al.	08/28/2002
	US-6,818,937	11/16/2004	Noble, W., et al.	06/04/2002
	US-6,858,120	02/22/2005	Ahn, Kie, et al.	08/09/2002
	US-6,858,444	02/22/2005	Ahn, K. Y., et al.	06/20/2003
	US-6,888,739	05/03/2005	Forbes, L.	06/21/2002
	US-6,914,800	07/05/2005	Ahn, K. Y., et al.	08/31/2004
	US-6,919,266	07/19/2005	Ahn, Kie Y., et al.	07/24/2001
	US-6,921,702	07/26/2005	Ahn, K. Y., et al.	07/30/2002
	US-6,930,059	08/16/2005	Conley, Jr., J. F., et al.	02/27/2003
	US-6,930,346	08/16/2005	Ahn, K. Y., et al.	08/31/2004
	US-6,958,302	10/25/2005	Ahn, K. Y., et al.	12/04/2002

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
As		"Praseodymium Oxide, Pr ₂ O ₃ For Optical Coating", Technical Publication by CERAC about Praseodymium Oxide, http://www.cerac.com/pubs/proddata/pr2o3.htm , (Sep. 21, 2005), 1-2	

EXAMINER

DATE CONSIDERED

5/15/04

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)



Complete if Known

Application Number	09/945,535
Filing Date	August 30, 2001
First Named Inventor	Ahn, Kie
Group Art Unit	2813
Examiner Name	Blum, David

Attorney Docket No: 1303.026US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
DS	US-20020001971A1	01/03/2002	Cho, H.	06/27/2001
	US-20030003635A1	01/02/2003	Paranjpe, A. P., et al.	05/23/2001
	US-20030181060A1	09/25/2003	Asai, M., et al.	02/25/2003
	US-20040161899A1	08/19/2004	Luo, T. Y., et al.	02/14/2003
	US-20050227442A1	10/13/2005	Ahn, K. Y., et al.	06/09/2005
	US-20050277256A1	12/15/2005	Ahn, K. Y., et al.	07/11/2005
	US-20050280067A1	12/22/2005	Ahn, K. Y., et al.	08/26/2005
	US-20060001151A1	01/05/2006	Ahn, K. Y., et al.	08/26/2005
	US-20060003517A1	01/05/2006	Ahn, K. Y., et al.	08/29/2005
	US-6,404,027	06/11/2002	Hong, Minghwei, et al.	02/07/2000
	US-6,441,417	08/27/2002	Zhang, Fengyan, et al.	03/28/2001
	US-6,444,592	09/03/2002	Ballantine, A. W., et al.	06/20/2000
	US-6,979,855	12/27/2005	Ahn, K. Y., et al.	01/27/2004

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
DS	EP-1122795A2	08/08/2001	Hong, M., et al.	

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DS		IWAMOTO, K., et al., "Advanced Layer-By-Layer Deposition and Annealing Process For High-Quality High-K Dielectrics Formation", <u>Electrochemical Society Proceedings Vol. 2003 (14), (2003), 265-272</u>	
DS		NAKAJIMA, et al., "Atomic-layer-deposited silicon-nitride/SiO ₂ stacked gate dielectrics for highly reliable p-metal-oxide-semiconductor filed-effect transistors", <u>Applied Physics Letters, Vol. 77, (October 2000), 2855-2857</u>	

EXAMINER

DS

DATE CONSIDERED

5/15/04

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. † Applicant's unique citation designation number (optional) ‡ Applicant is to place a check mark here if English language Translation is attached